



BRION ANDREW DOLAN

Field Instrument Specialist/Geotechnical Laboratory Technician

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EDUCATION

Texas A&M University-Corpus Christi, Corpus Christi, TX, Bachelor of Science,
Environmental Science (Biology Emphasis), December 2003

PROFESSIONAL EXPERIENCE

TDI-Brooks International, Inc., College Station, TX, Field Instrument Specialist /
Geotechnical Laboratory Technician, December 2008 – Present

- Assist with the installation and operation of multi-beam echosounder systems on company-owned vessels
- Assist with the navigation and positioning of vessels during offshore sediment sampling activities
- Collect subsurface sediment cores and perform multiple geotechnical analyses on samples while offshore
- Perform additional geotechnical analyses on samples in onshore laboratory
- Enter laboratory data into databases and ensure compliance of data with client specifications

Science Applications International Corporation (SAIC), Bothell, Washington
Marine Scientist and Field Manager, Aquatic and Environmental Sciences Division,
April 2006 – August 2008

- Provided field sampling support for marine environmental monitoring efforts for government clients including the U.S. Army, the U.S. Navy, and the Washington State Departments of Ecology and Natural Resources
- Managed the logistics and data and sample collection for various surface and subsurface sediment characterization surveys, acoustic and visual seafloor surveys, water quality surveys, and benthic infauna surveys
- Managed office technical asset pool of vehicles, vessels, and oceanographic research equipment

Washington State Department of Ecology (WDOE), Lacey, Washington, Marine
Monitoring Specialist, Coastal and Estuarine Assessment Unit, February 2005 – April
2006

- Calibrated, deployed, and serviced ADCPs, CTDs, automated water samplers, and radio telemetry equipment
- Prepared for and participated in multiple oceanographic research cruises aboard the University of Washington's R/V Clifford A. Barnes and the R/V Thomas G. Thompson



Applied Petroleum Technologies (APT), Corpus Christi, Texas, Environmental Scientist, Environmental Services Division, February 2004 – November 2004

- Collected groundwater, soil, and air samples at several dozen retail fueling stations in south Texas
- Calibrated and operated multi-parameter water quality probes to improve sampling efficiency
- Prepared environmental site assessment reports for senior managers and state environmental regulators

Texas A&M University-Corpus Christi (TAMUCC), Corpus Christi, Texas, Research Technician, Division of Nearshore Research, August 2001 – December 2003

- Analyzed sediment core samples via gamma ray spectroscopy to qualify and quantify sediment radioactivity, and to correlate soil radioactivity with historical brine water discharges
- In cooperation with the Texas Railroad Commission, installed and maintained electronic radon detection equipment and meteorological instruments at a decommissioned uranium mine in south Texas
- Evaluated the effects of wastewater treatment facility outflows on benthic organisms in Corpus Christi Bay

PROFESSIONAL TRAINING

Caris HIPS and SIPS Software User Training

Seafloor Systems, Inc. Mutli-beam Echosounder Training

Offshore Water Survival and Trinton ST03 Helicopter Underwater Egress Training

Texas A & M University General Radiation Safety Training

OSHA/RCRA Eight-Hour Health and Safety Refresher Training

American Health and Safety Institute First Aid and Adult AED/CPR Training

Texas A & M University- Corpus Christi Field and Sampling Techniques

OSHA/RCRA Forty-Hour Health and Safety Training